6. Schematic Diagrams

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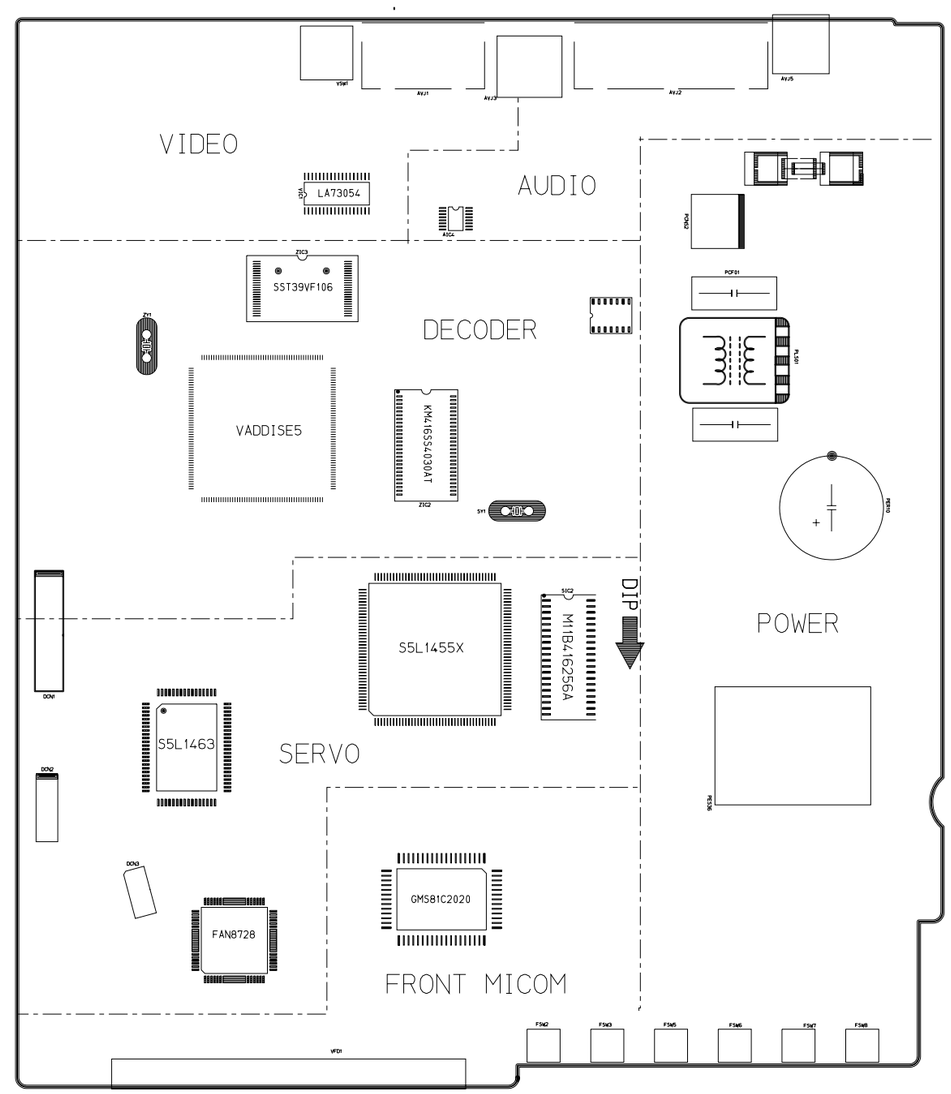
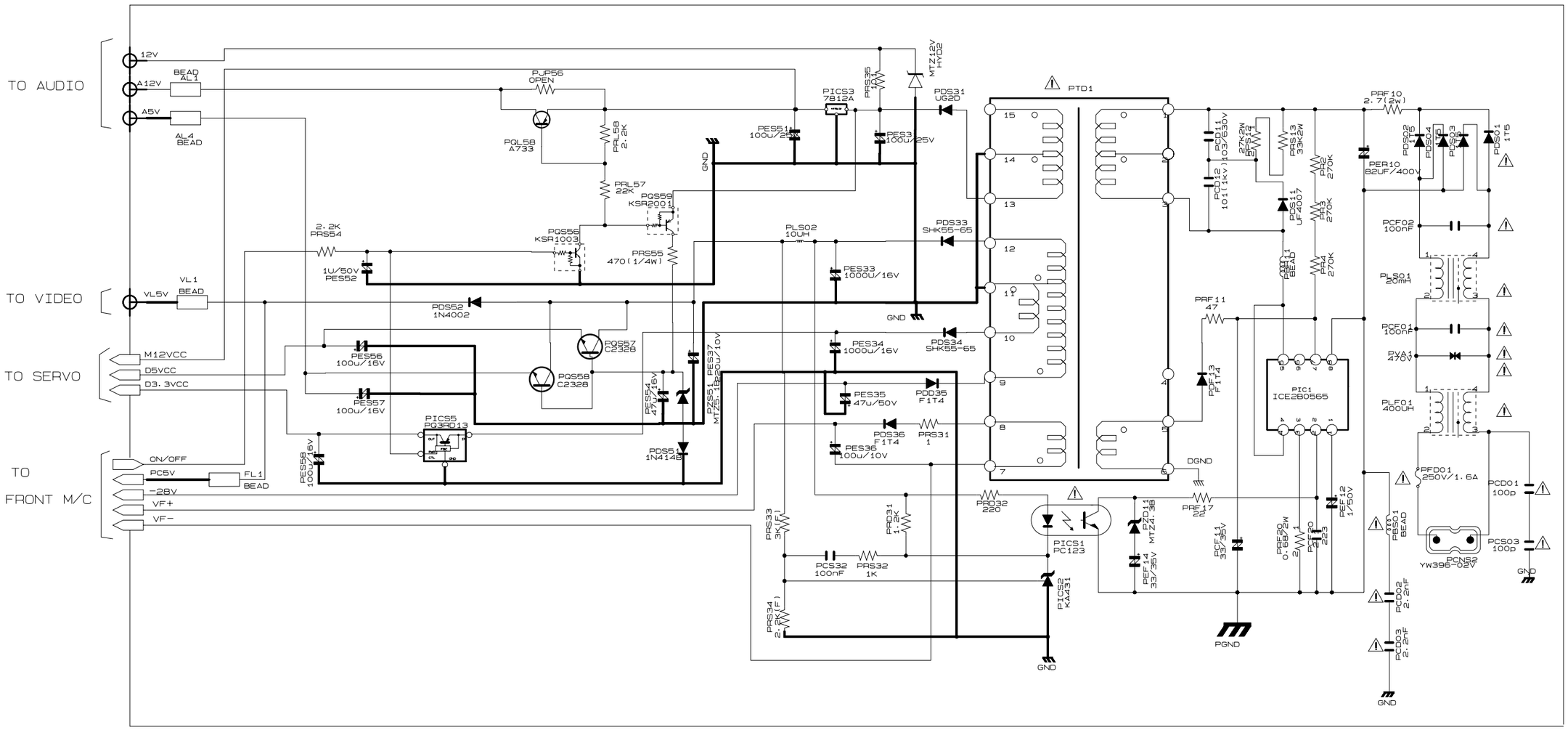
Block Identification of PCB

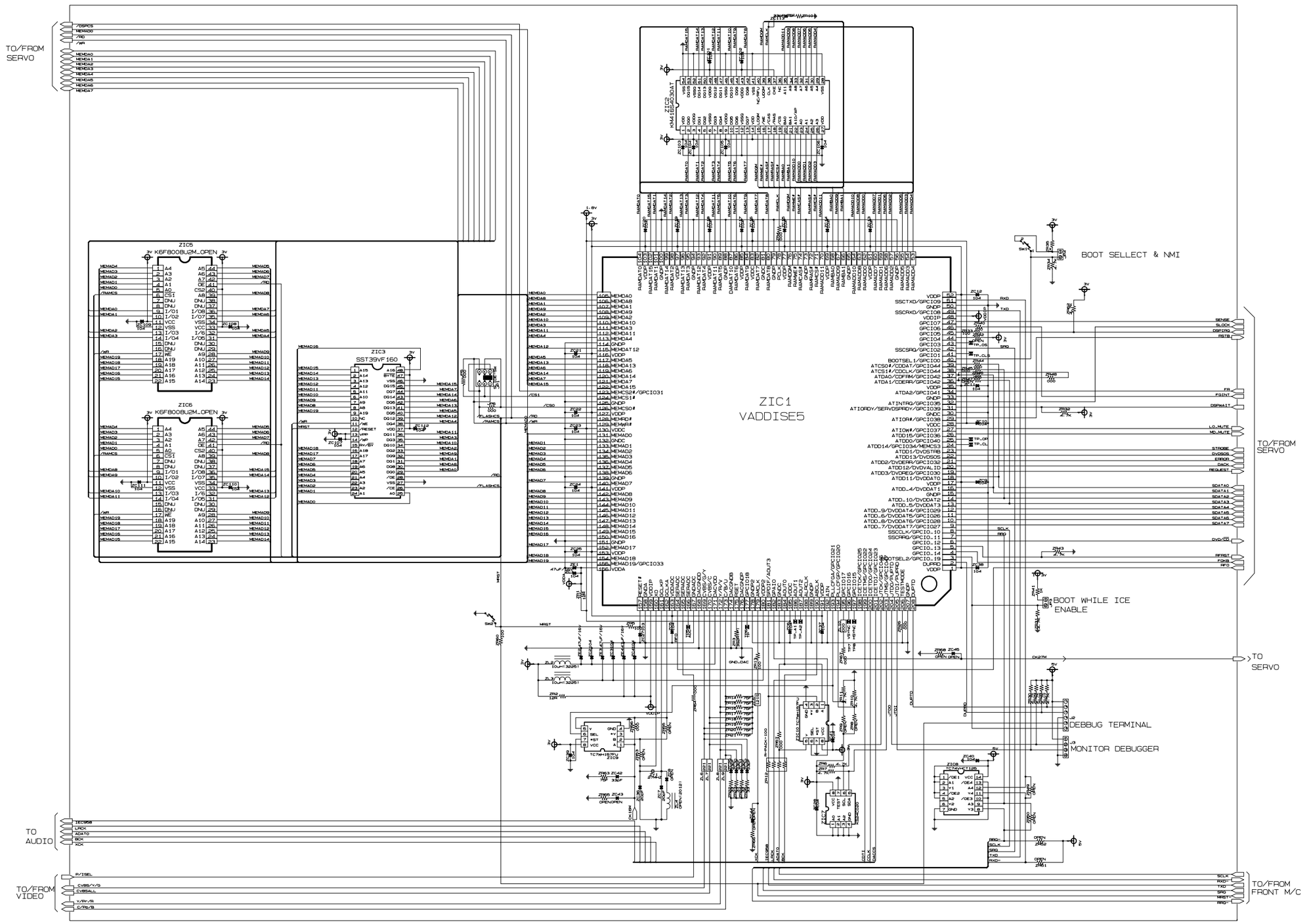


Main PCB (Component Side)

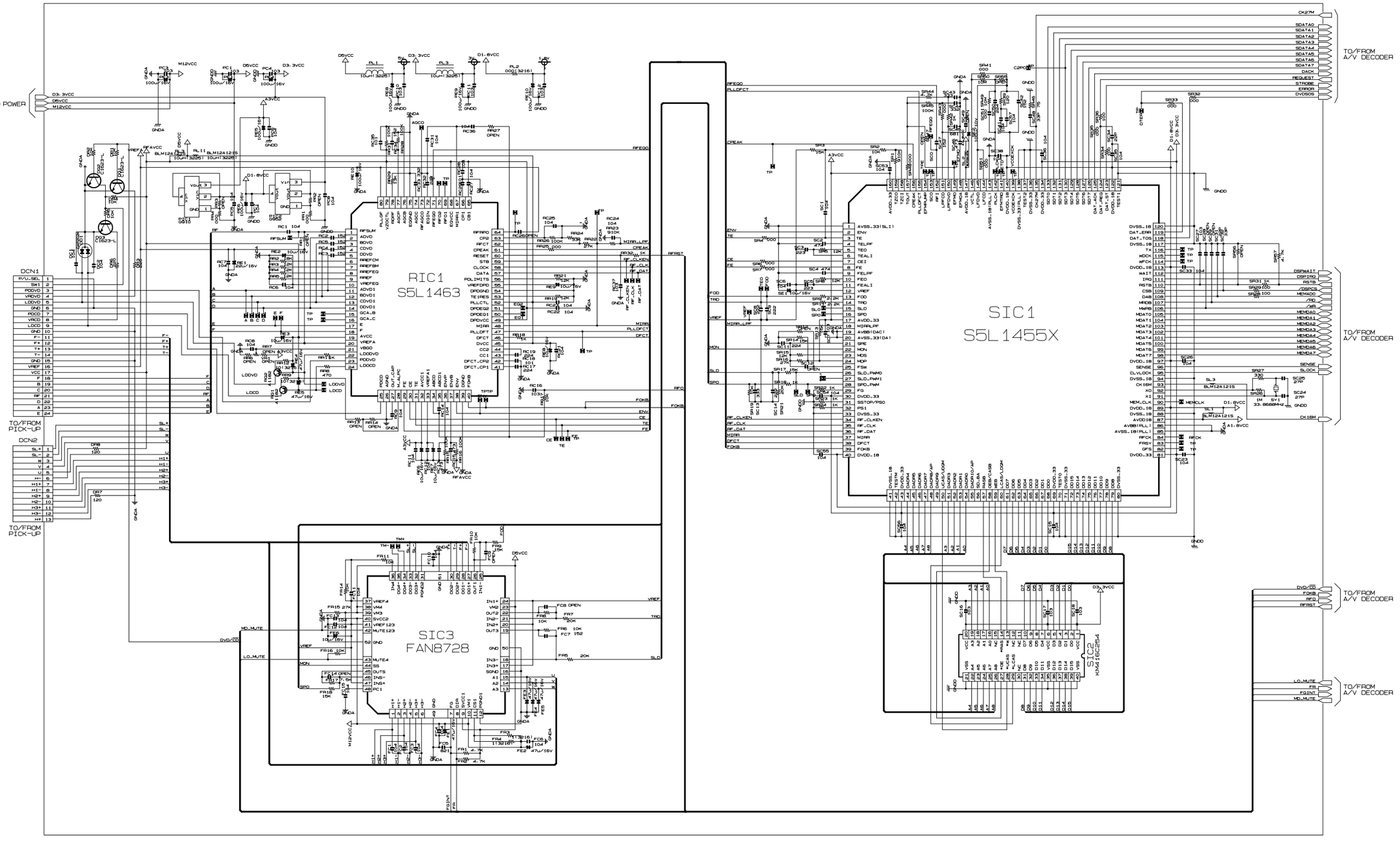
6-1 Power


TO AUDIO
TO VIDEO
TO SERVO
TO FRONT M/C
12V
A12V
A5V
VL5V
M12VCC
D5VCC
D3.3VCC
ON/OFF
PC5V
-28V
VF+
VF-
BEAD AL1
AL4 BEAD
VL1 BEAD
FL1 BEAD
PJP56 OPEN
PQL58 A733
PRL58 2.2K
PRL57 22K
PQS59 KSR2001
PQS56 KSR1003
PRS55 470(1/4W)
2.2K PRS54
1U/50V PES52
PDS52 1N4002
PQS57 C2328
PQS58 C2328
PES56 100u/16V
PES57 100u/16V
PES58 100u/16V
PICS5 PQ3RD13
PES54 47u/16V
PES37 220u/10V
PZS51 MTZ25.1B
PDS54 1N4148
PES51 100U/25V
PICS3 7812A
PRS35 1K
MTZ12V HYD2
PDS31 UG2D
PES3 100U/25V
PLS02 10UH
PDS33 SHK55-65
PES33 1000U/16V
PDS34 SHK55-65
PES34 1000u/16V
PES35 47u/50V
PDD35 F1T4
PDS36 F1T4
PES36 100u/10V
PRS31 1
PBD32 220
PRD31 1.2K
PRS33 3K(F)
PRS34 2.2K(F)
PCS32 100nF
PRS32 1K
PICS2 KA431
PICS1 PC123
GND
PTD1
DGND
PGND
PCD11 103/630V
PRS13 39.2K
PRS14 270K
PRS15 270K
PRS16 270K
PDS11 UF4007
PBD11 BEAD
PRF11 47
PRF13 F1T4
PIC1 ICE2B0565
PRF10 2.7(2W)
PER10 82UF/400V
PDS02 1N4007
PDS04 1N4007
PDS03 1N4007
PDS01 1T5
PCF02 100nF
PLS01 20mH
PCF01 100nF
PVA1 470V
PLF01 400UH
PFD01 250V/1.6A
PCD01 100p
PCS03 100p
PCNS2 YW396-02V
PBS01 BEAD
PCD02 2.2nF
PCD03 2.2nF
PZD11 MTZ4.3B
PEF14 33/35V
PCF11 33/35V
PRF20 0.68/2W
PCF20 223
PEF12 1/50V
PRF17 2

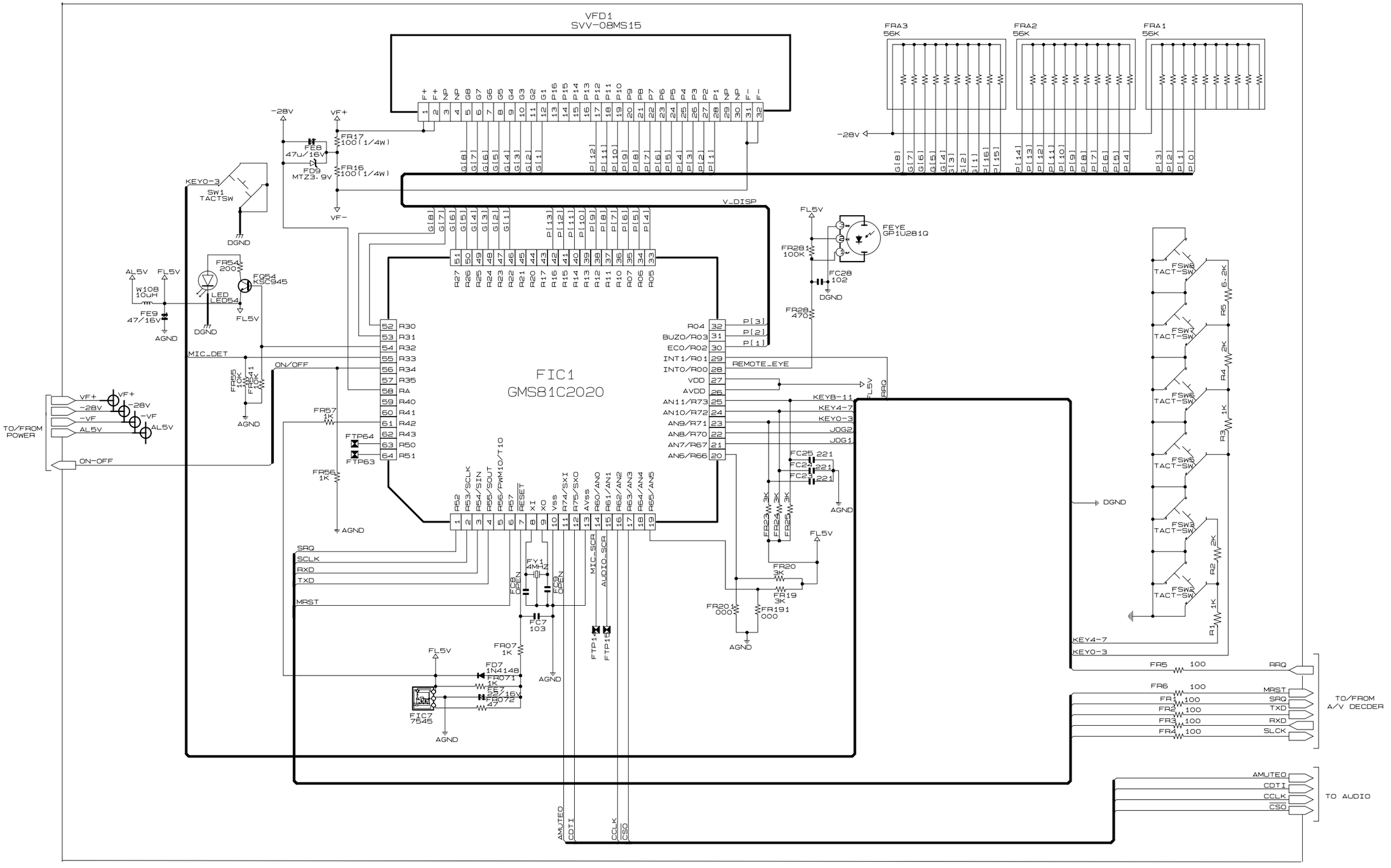
6-2 A/V-Decoder/Main-Micom



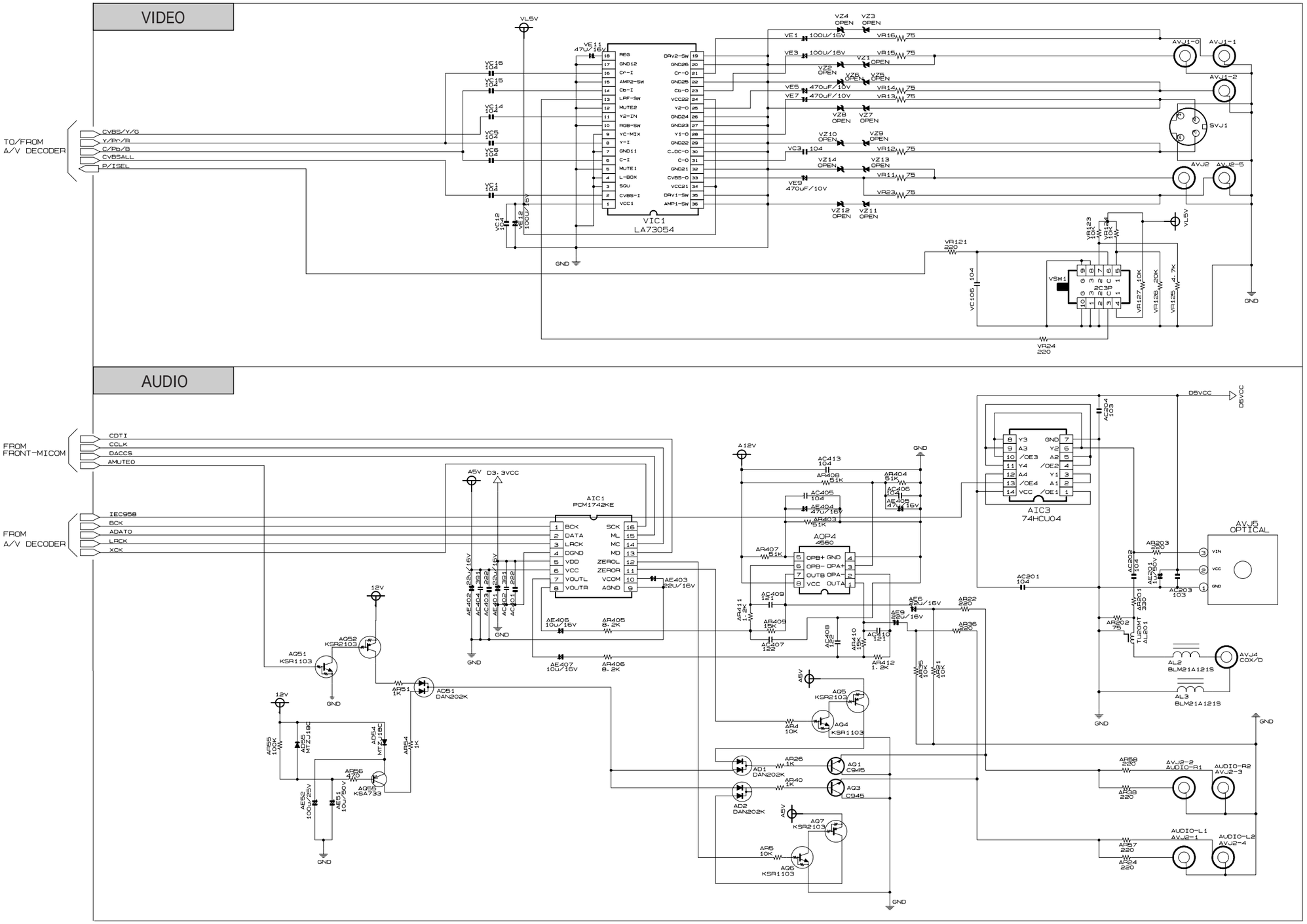
6-3 Servo


RIC1
S5L1463
SIC1
S5L1455X
SIC3
FAN8728
SIC2
KM416C254
TO POWER
TO/FROM PICK-UP
TO/FROM A/V DECODER
TO/FROM A/V DECODER
TO/FROM A/V DECODER
TO/FROM A/V DECODER
DCN1
DCN2
D3.3VCC
D5VCC
M12VCC
A3VCC
D1.8VCC
A1.8VCC
RFAVCC
GNDA
GNDD
MD_MUTE
LO_MUTE
DVD/CD
FGINT
FR
RFEQO
PLLDFCT
CPEAK
RFRST
FOD
TRD
VREF
MON
SLD
SPO
RFCK
FSBY
GFS
CK27M
CK16M
SDATA0
SDATA1
SDATA2
SDATA3
SDATA4
SDATA5
SDATA6
SDATA7
DACK
REQUEST
STROBE
ERROR
DVDSOS
SENSE
SLOCK
DSPWAIT
DSPIRQ
RSTB
XDSPCS
MEMADO
XRD
XWR
MEMDA0
MEMDA1
MEMDA2
MEMDA3
MEMDA4
MEMDA5
MEMDA6
MEMDA7
MEMCLK
SL3
BLM12A121S
D1.8VCC
33.8688MHz
CK16M
SL+
SL-
X
X
V
U
H1+
H1-
H2+
H2-
H3+
H3-
DR8
120
DR7
120

6-4 Front-Micom/VFD Display



6-5 Audio/Video



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